

ED_000545A_00000237

United States Environmental Protection Agency Washington, DC 20460		Work Assignment Number 1-03 Amendment 1	
Work Assignment		<input type="checkbox"/> Original <input checked="" type="checkbox"/> Amendment Number:	
Contract Number EP-C-07-028	Contract Period Option Period Number 1	Title of Work Assignment: Comprehensive Gasoline Light Duty Exhaust Fuel Effects Test Program to Cover Multiple Fuel Properties	
Contractor Southwest Research Institute		Specify Section and Paragraph of Contract SOW	
Purpose: <input type="checkbox"/> Work Assignment Initiation <input type="checkbox"/> Work Assignment Close-Out <input checked="" type="checkbox"/> Work Assignment Amendment <input type="checkbox"/> Incremental Funding <input type="checkbox"/> Work Plan Approval		Periods of Performance From: Effective Date To: June 27, 2009	
Comments: This Amendment requests that contractor provide incremental cost estimates for certain tasks. Zero additional LOE.			
<input type="checkbox"/> Superfund		Accounting and Appropriations Data	
<input type="checkbox"/> Superfund		<input checked="" type="checkbox"/> Non-Superfund	
DC (Max 8)	Budget FY (Max 4)	Appropriation Code (Max 5)	Budget Org/Code (Max 7)
Program Element (Max 9)	Object Class (Max 4)	Amount (Dollars)	Cents (Max 2)
SBA/Project (Max 8)	Cost Org/Code (Max 7)		
1			
2			
3			
4			
5			
Authorized Work Assignment Ceiling			
Contract Period:		Cost/Fee	
This Action		LOE	
Total		Ex. 4 - CBI	
Work Plan / Cost Estimate Approvals			
Contractor WP Dated:		Cost/Fee:	
Cumulative Approved:		LOE:	
Work Assignment Manager Constance Hart <i>Robert S. Poliokeul</i> (Signature) 2/23/09 (Date)		Branch/Mail ASD Phone Number 734/214-4340 Fax Number 734/214-4939	
Project Officer Name Christine M Brunner <i>Christine M Brunner</i> (Signature) 2/23/09 (Date)		Branch/Mail ASD Phone Number 734/214-4287 Fax Number 734/214-4816	
Other Agency Official Name (Signature) (Date)		Branch/Mail Code Phone Number Fax Number	
Contracting Official Name Tammy A Thomas <i>T. Thomas</i> (Signature) 2/24/09 (Date)		Branch/Mail Code CPOD Phone Number 513/487-2030 Fax Number 513/487-2109	
Contractor Acknowledgement of Receipt and Approval of Work Plan (Signature and Title)			Date

Performance Work Statement

Contract EP-C-07-028 Work Assignment Number 1-03, Amendment 1

Issuing Office Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105-2498

Contractor Southwest Research Institute
6220 Culebra Rd.
San Antonio, TX 78228-0510

Title Comprehensive Gasoline Light Duty Exhaust Fuel Effects
Test Program to Cover Multiple Fuel Properties and Two
Ambient Test Temperatures, Phase 3

LOE 0 hours

This Amendment requests that the contractor provide incremental cost estimates as specified below. All other items in the original WA remains the same.

Task 3 Vehicle Recruitment is revised as follows:

The contractor has acquired the vehicles described in Table 3-1 under WA 0-01. Those vehicles are to be retained for the tasks described in this WA 1-03.

The number of vehicles to be tested under WA 1-03 will be at least eight and will not exceed 19. The EPA WAM shall provide the contractor a list of vehicles to be tested.

The contractor shall provide program cost estimates in one vehicle increments, starting with eight vehicles.

Table 3-1. Test Vehicles for Recruitment **remains the same.**

Table 6.2-1: VOC Speciation Summary for 3 Vehicles **is changed as follows:**

LA92 Test Repeat			
LA92 Test Phase (bag)	1	2	3
1	C1-C12 Speciation (Optional) Alcohols&Carbonyls	C1-C12 Speciation (Optional) Alcohols&Carbonyls	C1-C12 Speciation (Optional) Alcohols&Carbonyls
2	C1-C12 Speciation (Optional) Alcohols&Carbonyls (Opt'l)	C1-C12 Speciation (Optional) Alcohols&Carbonyls (Opt'l)	C1-C12 Speciation (Optional) Alcohols&Carbonyls (Opt'l)
3	C1-C12 Speciation (Optional) Alcohols&Carbonyls (Opt'l)	C1-C12 Speciation (Optional) Alcohols&Carbonyls (Opt'l)	C1-C12 Speciation (Optional) Alcohols&Carbonyls (Opt'l)

The remaining 16 vehicles shall only require VOC speciation in phase 1 of the LA92 test, also for all test fuels (This also includes all repeat tests and is outlined in Table 6.2-2, below).

Table 6.2-2: VOC Speciation Summary for 16 Vehicles **is changed as follows:**

LA92 Test Phase (bag)	LA92 Test Repeat		
	1	2	3
1	C1-C12 Speciation (Optional) Alcohols&Carbonyls	C1-C12 Speciation (Optional) Alcohols&Carbonyls	C1-C12 Speciation (Optional) Alcohols&Carbonyls
2	none	none	none
3	none	none	none

The EPA Act protocol for calculating NMHC and NMOG (to be provided) shall be followed. Phase-level NMHC and NMOG shall be calculated for all phases where the required measurements are available (i.e. NMHC, carbonyls, and light alcohol measurements are made). In cases where one or more components of the phase-level NMHC and NMOG calculation is not measured (for example, when alcohols and carbonyls are not measurement in phases 2 and 3 of LA92 tests), the contractor shall calculate phase-level NMHC and NMOG mass emissions assuming the missing measurements are below method detection limits. These phase-level NMHC and NMOG calculations shall then be used to calculate composite weighted NMHC and NMOG mass emissions. In all cases, the contractor shall report all measured phase-level NMHC and NMOG components (i.e. each compound quantified) separately along with the associated FID response factors used in NMHC and NMOG determination.

The following information is added: The contractor shall provide cost estimates for VOC speciation on test phase basis, per Tables 6.2-1 and 6.2-2.